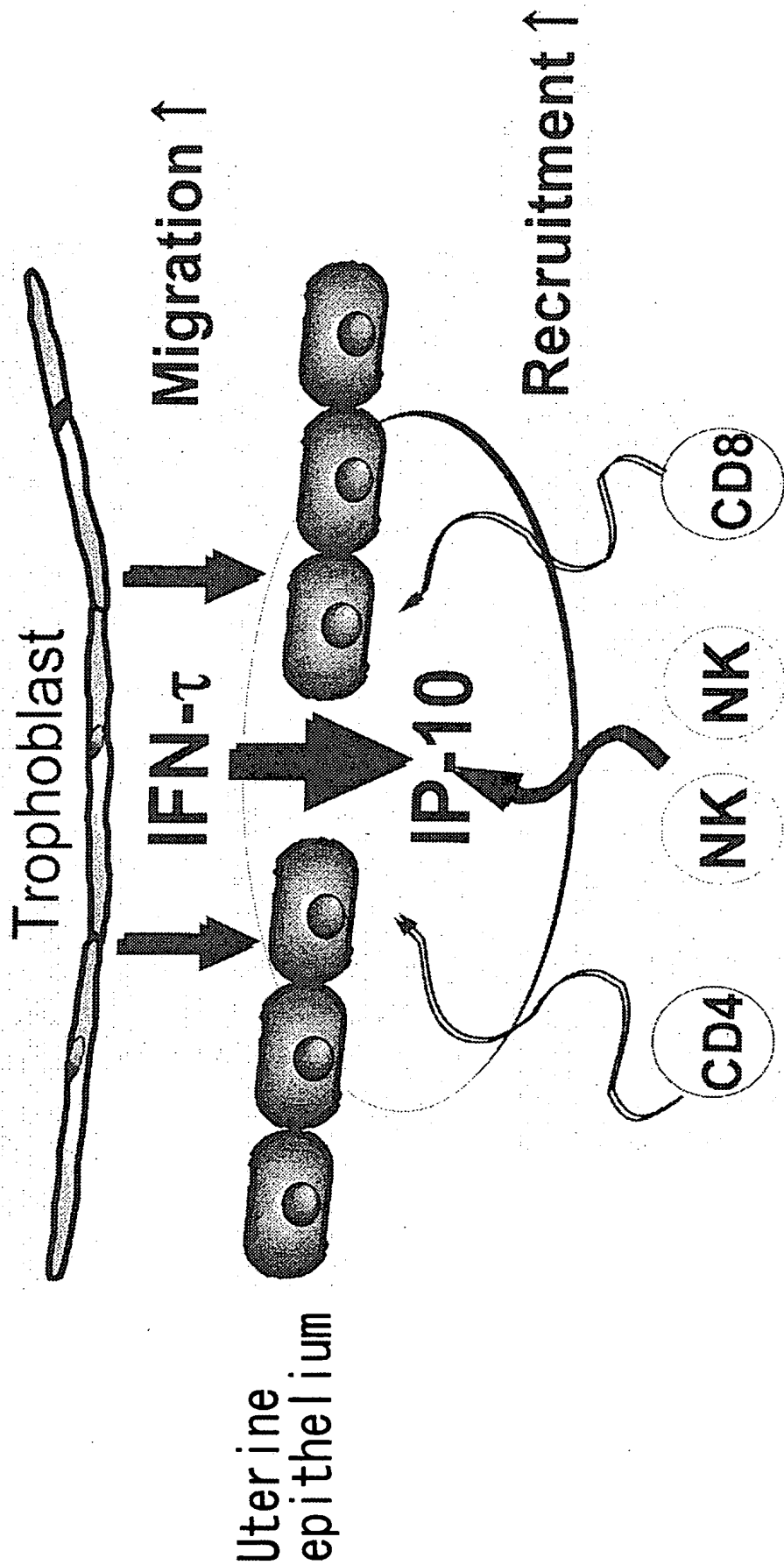




$IFN-\tau \rightarrow IP-10 \rightarrow$  Trophoblast migration and adhesion



$IFN-\tau \rightarrow IP-10 \rightarrow$  Immune cell migration



# Spontaneous Abortion

## Fas/FasL apoptosis system

Conceptus

Uterus

IFN- $\tau$

IP-10

Recruitment

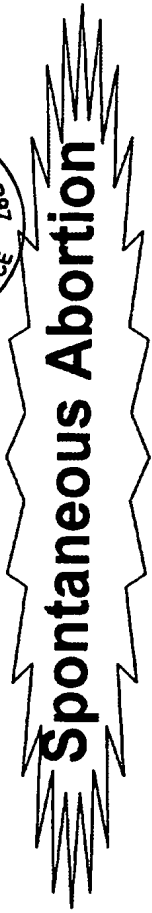
uNK cell

IL-10

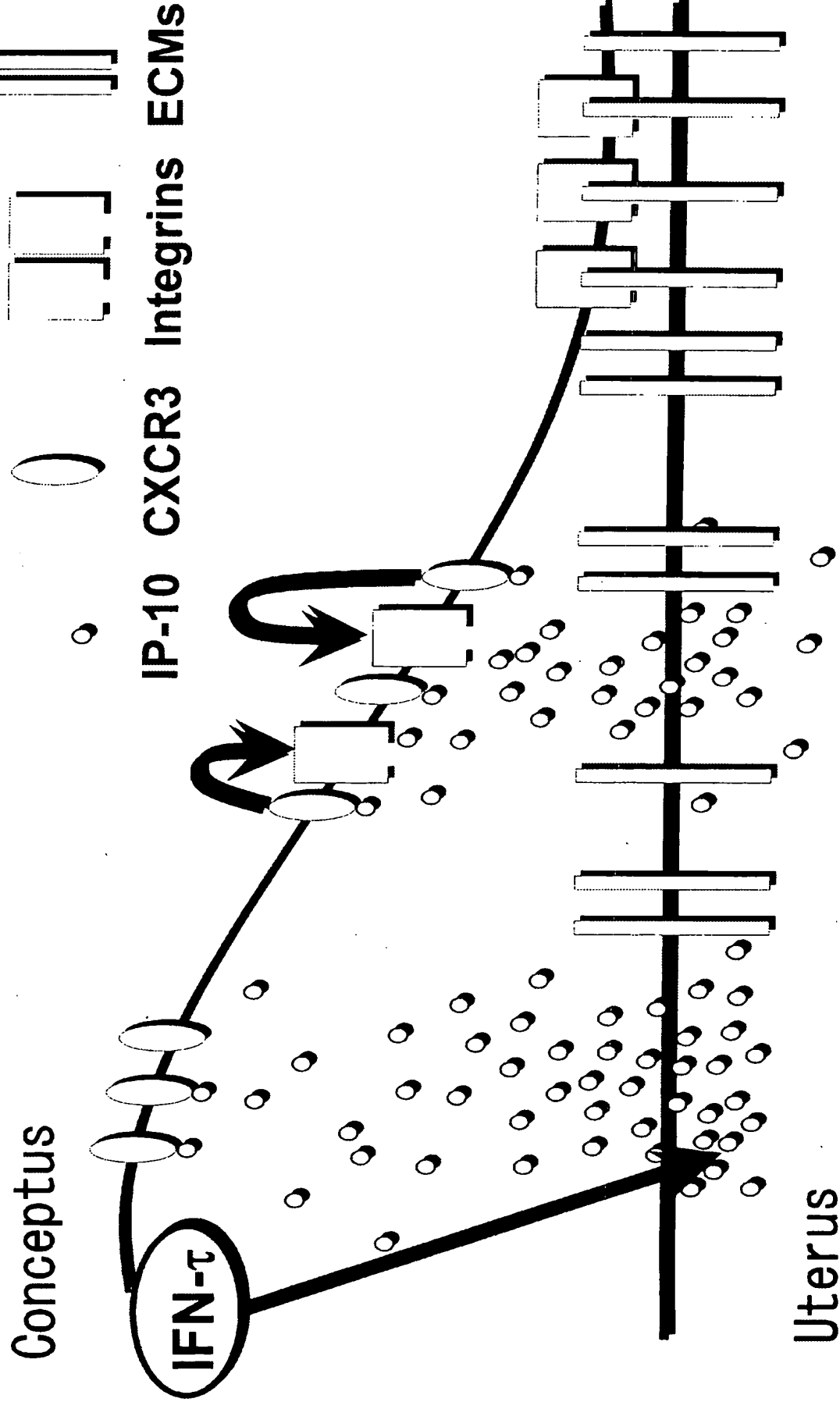
IFN- $\gamma$

beneficial effects      detrimental effects

(Th1 to Th2 switching)



# Mechanism of Conceptus Migration and Adhesion to Uterine Attachment Sites



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